(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 12.06.2002 Bulletin 2002/24

(51) Int Cl.7: **E21B 43/10**, E21B 43/08

- (43) Date of publication A2: 07.11.2001 Bulletin 2001/45
- (21) Application number: 01304042.3
- (22) Date of filing: 03.05.2001
- (84) Designated Contracting States:

 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

 MC NL PT SE TR

 Designated Extension States:

 AL LT LV MK RO SI
- (30) Priority: 05.05.2000 US 565899
- (71) Applicant: Halliburton Energy Services, Inc. Dallas, Texas 75381-9052 (US)
- (72) Inventors:
 - Castano-Mears, Ana M.
 Coppell, Texas 75019 (US)
 - Gano, John C.
 Carrollton, Texas 75007 (US)
 - Echols, Ralph H.
 Carrollton, Texas 75287 (US)
- (74) Representative: Curtis, Philip Anthony et al A.A. Thornton & Co., 235 High Holborn London WC1V 7LE (GB)

(54) Expandable well screen

(57) An expandable well screen (36) provides increased collapse, torsional and tensile strength. In an embodiment, the expandable well screen (36) includes a generally tubular base pipe (38) and an external filtering media (40). The well screen (36) is configured to have sufficient torsional and tensile strength for conveyance and positioning in a wellbore, while also having sufficient strength to prevent collapse when the screen (38) is radially expanded.

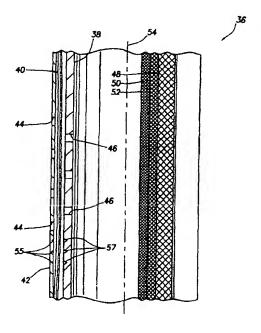


FIG.2



EUROPEAN SEARCH REPORT

Application Number

EP 01 30 4042

	DOCUMENTS CONSIDE			
ate g ory	Citation of document with India of relevant passage	cation, where appropriate, es	Relevant to daim	CLASSIFICATION OF THE APPLICATION (IRLCI.7)
(FR 2 771 133 A (DRILL 21 May 1999 (1999-05- * claim 1 * * figures 6,7 *	FLEX)	1,9	E21B43/10 E21B43/08
1	US 3 099 318 A (MILLE 30 July 1963 (1963-07 * column 7, line 29-3 * figures 1-4 *	-30)	1,9	
Ì	WO 98 49423 A (SHELL RESEARCH (NL)) 5 November 1998 (1998 * page 4, line 28-35 * figures 3,4 *	~11~05)	7	
- 1	US 5 901 789 A (KENTE AL) 11 May 1999 (1999 * the whole document	-05-11)	1,3,5, 7-10	
.			.	TECHNICAL FIELDS
	•			E21B
		•		
			1	
1				
		•		
ĺ				
İ				
	The present search report has been			
	THE HAGUE	19 April 2002	Scho	exemner outen, A
CAT X : partice Y : partice Clocutt A : fechase	TEGORY OF CITED DOCUMENTS starty relevant if taken alone starty relevant if combined with another ent of the same category logical background	T theory or principle E; sarlier patent doc after the fiting das D; document cited is L; document cited to	s underlying the in turners, but publish is the application or other reasons	vention hedion, or
O∶non-v	written disclosure ediate document	& ; member of the sa document	me pasent family.	corresponding

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 30 4042

This annex lists the patent tamily members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-04-2002

	Patent docume cited in search re		Publication date	İ	Patent family member(s)	Publication date
FR	2771133	Α	21-05-1999	FR	2771133 A1	21-05-1999
				AÜ	1159199 A	07-06-1999
				WO	9925951 A1	27-05-1999
	2000010				3363331 VI	2/-05-1999
<u></u> -	3099318	A	30-07-1963	NONE		
WO	9849423	A	05-11-1998	AU	717503 B2	30-03-2000
				AU	7651798 A	24-11-1998
				BR	9809005 A	08-08-2000
				MO	9849423 A1	05-11-1998
				EP	0980462 A1	23-02-2000
				NO	995248 A	27-10-1999
US	5901789	Α	11-05-1999	ΑU	710745 B2	30-09-1999
				AU	7568096 A	29-05-1997
				BR	9611456 A	17-02-1999
				DE	69617258 D1	03-01-2002
				EA	980433 .A1	29-10-1998
				WO	9717524 A2	15-05-1997
				EP	0859902 A2	26-08-1998
				JP	11514712 T	14-12-1999
				NO	982087 A	07-07-1998
				NZ	322015 A	28-10-1999
				US	6012522 A	11-01-2000

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82